

For Research Use Only

# ACP5 Polyclonal antibody

Catalog Number: 11594-1-AP

Featured Product

25 Publications



## Basic Information

**Catalog Number:**

11594-1-AP

**Size:**

150ul, Concentration: 350 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2065

**GenBank Accession Number:**

BC025414

**GeneID (NCBI):**

54

**UNIPROT ID:**

P13686

**Full Name:**

acid phosphatase 5, tartrate resistant

**Calculated MW:**

325 aa, 37 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

WB, IF, IHC

**Species Specificity:**

human, pig

**Cited Species:**

human, rat, mouse

**Positive Controls:**

WB: pig tonsil tissue,

## Background Information

ACP5 (acid phosphatase 5, tartrate resistant) is also named as TRAP, TrATPase and belongs to the metallophosphoesterase superfamily. It is an iron-containing glycoprotein with a molecular mass of approximately 34 kD. ACP5 is a histochemical marker of the osteoclast. It is also characteristic of monohistiocytes, particularly alveolar macrophages, and is associated with diverse pathological conditions, including hairy cell leukemia and AIDS encephalopathy. (PMID:10639488).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yi Yu	34585393	J Periodontol	
Hongbing Lin	36114617	Stem Cells Dev	
Tomoaki Saito	34718219	Bone	IHC

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

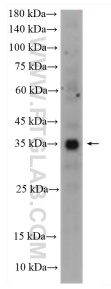
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



pig tonsil tissue was subjected to SDS PAGE followed by western blot with 11594-1-AP (ACP5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.